**RESUME**

**K. Thirupathi Reddy**

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Blog: <https://codingacharya.blogspot.com/>

**CAREER OBJECTIVE:**

Committed to advancing knowledge in the field through innovative research and practical applications. Seeking an opportunity to contribute to cutting-edge projects, collaborate with industry experts, and make a significant impact in the academic and technological landscape.

**Summary:**

Driven and accomplished professional pursuing a (PhD) in Computer Science & Engineering, specializing in Data Science. Committed to conducting innovative research and contributing to advancements in the field. Seeking a challenging position that allows me to apply my expertise, collaborate with like-minded individuals, and make a meaningful impact.

**Education:**

PhD in Computer Science & Engineering at

Chaitanya Deemed to be University, [2025]

Master of Technology in Computer Science and Engineering

CMR College of Engineering and Technology (JNTUH) – CSE, [2016]

Bachelor of Technology in Computer Science and Engineering

Vaageswari College of Engineering and Technology (JNTUH), [2013]

**Subjects Taught:**

* Advanced Machine Learning
* Advanced Analytics and Visualization
* BIGDATA
* Machine Learning
* Data Science
* Data Analytics and Visualization (DAV)
* NLP - Natural Language Processing
* Internet of Web Programming (HTML, Php, Javascript, XML and SQL)
* Design and Analysis of Algorithms (DAA)
* Computer Networks
* Cloud Computing
* PPS – Programming for Problem Solving

**Skills:**

* Website Designing.
* Proficient in Dataset preparation and analysis.
* Organized an International Conference (ICCISD-2023) as a Co-convener.
* Strong analytical and problem-solving abilities, with keen attention to detail.
* Good communication skills, both verbal and written.
* Proven ability to work collaboratively in interdisciplinary research environments.

**Experience:**

Teaching Assistant, Chaitanya Deemed to be a University

[2020] - [Present]

Trainer, Cleancode Institute Warangal Branch

[2025] - [Present]

Teaching Assistant, Ramappa Engineering College

[2018] - [2020]

Mahendra’s Banking Institute

[2016] - [2018]

* Assisted professors in, preparing course materials, and evaluating student assignments.
* Conducted interactive workshops and tutorials, ensuring students understanding of complex topics.
* Mentored students individually, addressing academic concerns and facilitating their learning process.
* **NAAC** administrative coordinator.

**Research Experience:**

Research Scholar, Chaitanya Deemed to be University

[2022] - [2025 Submitted]

* Collaborated with **Prof. G Shankar Lingam** on research projects related to [Data Science and Machine Learning].
* Conducted extensive literature reviews, gathered and analyzed data, and presented research findings.
* Co-authored research papers and delivered presentations at conferences, contributing to the academic community's knowledge base.

**Other Experience:**

**Website Designer**, Chaitanya Deemed to be University

[2020] - Present

* Currently I am looking after the University website  [www.chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)
* Developed [www.divitmbc.com](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146) website (USA) currently it is giving employment for few people.
* Developed a journal’s website for faculty of engineering [www.jieet.chaitanya.edu.in](http://www.jieet.chaitanya.edu.in)
* Developed a journal’s website for faculty of Sciences [www.cer.chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)
* Developed a journal’s website for faculty of Management [www.prakarsha.chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)
* Developed a journal’s website for faculty of Sciences [www.jbs.chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)
* Organized an International conference (ICCISD-2023) as a co-convener.

**Industry visits:**

**Infosys Campus Visit-2023**: Gained valuable insights into operations and learned about cutting-edge technologies and practices during the visit to the Infosys campus.

**ISRO Visit-2022:** Participated in a visit to the Indian Space Research Organization (ISRO), exploring their facilities and gaining knowledge about space exploration projects. This experience further fueled my passion for computer science and its applications in space technology.

**CISCO Visit– 2024:**Attended CISCO annual meeting conference in 2024 behalf of college.

**Conference memberships:**

Co-convener of  **ICCISD 2022 & 2023(**International Conference on Computational Intelligence and Sustainable Development**) of CDU(**Chaitanya Deemed to be University**)**

**PUBLICATIONS**

| **S.No** | **Title** | **Journal/Conference** | **ISSN / Indexing** | **Link / DOI** |
| --- | --- | --- | --- | --- |
| 1 | Predicting a Small Cap Company Stock Price Using Python with Best Accuracy Rate: How the Data Science Working for Predictions and Accuracy Rate | Indian Journal of Science and Technology (IJST) | P-ISSN: 0974-6846,  E-ISSN: 0974-5645,  Web of Science (WoS) | <https://indjst.org/articles/predicting-a-small-cap-company-stock-price-using-python-with-best-accuracy-rate-how-the-data-science-working-for-predictions-and-accuracy-rate> |
| 2 | Predicting Stock Price Using Python with Best Accuracy Rate: How the Data Science and Machine Learning Working for Predictions and Accuracy Rate | Indian Journal for Technical Education (IJTE) | ISSN: 0971-3034, UGC CARE Group 1 | [http://www.isteonline.in/Datafiles/cms//Qtr\_issue\_Oct-Dec\_2023\_issue\_for\_web.pdf](http://www.isteonline.in/Datafiles/cms/Qtr_issue_Oct-Dec_2023_issue_for_web.pdf) |
| 3 | Predicting a Smallcap Company Growth Using Python | ICCISD – International Conference on Computational Intelligence and Sustainable Development | ISSN: 2456-4184 | <https://www.chaitanya.edu.in/wp-content/uploads/2022/07/Confernece-Proceedings-V1.pdf> |
| 4 | Distributed Concurrent and Independent Access to Encrypted Cloud Databases | — | ISSN: 2348-4845 | — |
| 5 | Analysis Report of Traders Losing Money in Trading Platforms: A SEBI Report | SSRN – Social Science Research Network | ISSN: 1556-5068, Scopus | <https://ssrn.com/abstract=5000105> / <http://dx.doi.org/10.2139/ssrn.5000105> |

**BOOK CHAPTERS**

| **S.No** | **Title** | **Authors** | **Publisher / ISBN** | **Link** |
| --- | --- | --- | --- | --- |
| 1 | How the Data Science and Machine Learning Revolutionizing the Agriculture (Page No: 77) | G. Shankarlingam, K. Thirupathi | New Delhi Publications, ISBN: 9788196887049 | <https://ndpublisher.in/files/1709984219sampleagri5.0.pdf> / <https://ndpublisher.in/ndpbookpage.php?book=480> |

**CONFERECES**

| **S.No** | **Role / Contribution** | **Conference Name** | **Year** |
| --- | --- | --- | --- |
| 1 | Co-convener | International Conference on Computational Intelligence and Sustainable Development (ICCISD-2023) | 2023 |

**FDP (FACULTY DEVELOPMENT PROGRAMS)**

| **S.No** | **Title / Topic** | **Institution** | **Date** |
| --- | --- | --- | --- |
| 1 | Co-convener – ICCISD 2023 | — | 2023 |
| 2 | AI and ML for Intelligent Applications Using Python and MATLAB | ABES Engineering College, Ghaziabad | 21/02/2022 – 25/02/2022 |
| 3 | Quantum Computing | Gandhi Institute of Technology and Management (GITAM), Bengaluru | 04/01/2021 – 08/01/2021 |
| 4 | Lab on Chip | Defence Institute of Advanced Technology (DU) | 14/12/2020 – 18/12/2020 |
| 5 | Exploring Immersive Realities of Augmented and Virtual Reality | Vaagdevi Engineering College | 20/11/2023 – 25/11/2023 |

**PREPRINTS**

| **S.No** | **Title** | **Authors** | **Platform / DOI / Link** | **Date** |
| --- | --- | --- | --- | --- |
| 1 | Drawbacks of LSTM Algorithm: A Case Study | Kandadi Thirupathi, Shankarlingam G. | <https://ssrn.com/abstract=5080605> / <http://dx.doi.org/10.2139/ssrn.5080605> | January 1, 2025 |
| 2 | Analysis Report of Traders Losing Money in Trading Platforms: A SEBI Report | Kandadi T., Shankarlingam G. | <https://ssrn.com/abstract=5000105> / <http://dx.doi.org/10.2139/ssrn.5000105> | October 26, 2024 |
| 3 | A Framework to Predicting Startup Success Growth with Multiple Algorithms | Kandadi Thirupathi Reddy | <https://doi.org/10.36227/techrxiv.175751434.42657764/v2> | September 25, 2025 |
| 4 | Explainable Deep Learning for Automated Pneumonia Detection from Chest X-Ray Images Using MobileNetV2 and Grad-CAM CNN | Kandadi Thirupathi Reddy | <https://doi.org/10.36227/techrxiv.176108165.56312001/v1> | October 21, 2025 |
| 5 | Drawbacks of Random Forest Algorithm to Examine Extensive Datasets | Kandadi Thirupathi | <https://ssrn.com/abstract=5236759> / <http://dx.doi.org/10.2139/ssrn.5236759> | April 30, 2025 |
| 6 | Machine Learning-based Breast Cancer Classification Using Logistic Regression and Random Forest | Kandadi Thirupathi Reddy, Vannala Srujan | <https://doi.org/10.21203/rs.3.rs-7638704/v1> | September 22, 2025 |
| 7 | A Streamlit-powered System for Simulating and Visualizing Qubit States | Thirupathi | <https://doi.org/10.21203/rs.3.rs-7579530/v1> | September 11, 2025 |

**Reviews:**

·   1. Publisher: BP International, Certificate of excellence in peer reviewing in recognition of an outstanding contribution to the quality of the book.

Login URL: [https://bpi1.reviewerhub.org](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Username: [kandadithirupathi@chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Password: UVtBhCrErA0V

2. Journal: Journal of Economics and Trade, Certificate of excellence in peer reviewing in recognition of an outstanding contribution to the quality of the Journal.

Login URL: [https://dashboard.ikpress.info](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Username: [kandadithirupathi@chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Password: 3dxwSFP4xJGR

3. Journal: Journal of Scientific Research and Reports, Certificate of excellence in peer reviewing in recognition of an outstanding contribution to the quality of the Journal.

Login URL: [https://dashboard.peerreviewcentral.com](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Username: [kandadithirupathi@chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Password: cCi54pvzVUnV

4. Journal: Archieves of Current Research International, Certificate of excellence in peer reviewing in recognition of an outstanding contribution to the quality of the Journal.

Login URL: [https://dashboard.peerreviewcentral.com](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Username: [kandadithirupathi@chaitanya.edu.in](https://www.blogger.com/blog/post/edit/3683524309100192044/8767643989189676146)

Password: cCi54pvzVUnV

5. Journal: Journal of basic and applied research, Certificate of excellence in peer reviewing in recognition of an outstanding contribution to the quality of the Journal.

Login URL: [https://dashboard.ikpress.info](https://dashboard.ikpress.info/)

Username: [kandadithirupathi@chaitanya.edu.in](mailto:kandadithirupathi@chaitanya.edu.in)

Password: pQ3esDNibmbL

6. **Asian Journal of Pure and Applied Mathematics, journal title Stochastic Model on Share Price Movements in Finite State with Asymptotic Null Controllability Properties,**

**1. Direct download link**

<https://gphdownload.reviewerhub.org/search.php?search=kandadithirupathi@chaitanya.edu.in>

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Username: [kandadithirupathi@chaitanya.edu.in](mailto:kandadithirupathi@chaitanya.edu.in)

Password: wNZ9BvVePDjh

**7. Asian Journal of Computer Science**

Login URL: [https://reviewer.reviewerhub.org](https://reviewer.reviewerhub.org/)

Username: [kandadithirupathi@chaitanya.edu.in](mailto:kandadithirupathi@chaitanya.edu.in)

Password: XDyq72xxHHfs

**8. BP international Book publishers**

Login URL: [https://bpi1.reviewerhub.org](https://bpi1.reviewerhub.org/)

Username: [kandadithirupathi@chaitanya.edu.in](mailto:kandadithirupathi@chaitanya.edu.in)

Password: NTtD7gK9sdo2